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lecting, and his taste in reducing to order, records, traditions, and reminiscences, derived from very numerous, diverse, and widely separated sources.

18.—*A Text-Book of Vegetable and Animal Physiology. Designed for the use of Schools, Seminaries, and Colleges in the United States.*

By HENRY GOADBY, M. D., Professor of Vegetable and Animal Physiology and Entomology in the State Agricultural College of Michigan. Embellished with upwards of Four Hundred and Fifty Illustrations. New York: D. Appleton & Co. 1858. 8vo. pp. 313.

WHEN we first saw the title of this book, we supposed that there was no place for it, in the multitude of treatises similarly named. But on examination, we are inclined to think that it has a clear field. It is peculiarly an histology,—a treatise on tissues; it is founded on recent microscopic researches, and applies their results to the solution of familiar facts and phenomena. The engravings are chiefly of tissue, as seen through the microscope. They are executed in white on a black ground, and are thus especially adapted to the delineation of nerves, which are always white. The entire work bears abundant tokens of thorough comprehension of the subject, mature judgment, superior analytic power, ripe learning, and an eminent capacity of teaching. It is perfectly evident that the author has been an experienced and successful lecturer on physiology; for his whole style of presentation has at once the lucidness and the flexibility which could grow only from the habit of *viva voce* utterance on his somewhat recondite themes.

19.—*Text-Book of Modern Carpentry; comprising a Treatise on Building-Timber, with Rules and Tables for calculating its Strength, and the Strains to which each Timber of a Structure is subjected; Observations on Roofs, Trusses, Bridges, &c.; and a Glossary, explaining at length the Technical Terms in Use among Carpenters.*

By THOMAS W. SILLOWAY, Architect of the New Capitol at Montpelier, Vermont. Illustrated by Twenty Copperplates. Boston: Crosby, Nichols, & Co. 1858. 16mo. pp. 180.

WE welcome every well-conceived endeavor to unite science and the useful arts, both as tending to elevate the intellectual standard of the artisan, and as insuring a higher value for his work. In many of our new towns and cities the construction of ruins might have seemed the